

1 Q. Reference: Hydro's *2016 Standby Fuel Deferral Application*, response to Request
2 for Information CA-NLH-006.

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4 Please provide a table, in the form provided in the response to Request for
5 Information CA-NLH-006, providing the derating history for Holyrood Units 1, 2, and
6 3 for 2015 and 2016.

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9 A. Tables 1 to 3 provide the derating history for Holyrood Units 1, 2, and 3 for 2015
10 and 2016.

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Table 1 2015 and 2016 Derating History Holyrood Unit 1

Start Date	Derate or Uprate	Revised Rating	Nature of the Issue	PUB Advisory No.	Filing Date
16-Nov-15	-20	150	Faulty positioning device on unit's governor system	2015-H-408-a	16-Nov-15
20-Nov-15	5	155	Issue with Mark V governor control system	2015-H-434-a	30-Nov-15
3-Feb-16	-105	50	Issue with variable frequency drive on a forced draft fan.	2016-H-030-a	3-Feb-16
5-Feb-16	70	120	Precautionary load to save reheater due to air flow issues	2016-H-030-a	5-Feb-16
5-Feb-16	20	140	Precautionary load to save reheater due to air flow issues	2016-H-030-a	8-Feb-16
7-Feb-16	-70	70	Precautionary load to save reheater due to air flow issues	2016-H-034-a	8-Feb-16
7-Feb-16	-20	50	Precautionary load to save reheater due to air flow issues	2016-H-034-a	8-Feb-16
26-Feb-16	70	120	Precautionary load to save reheater due to air flow issues	2016-H-034-a	26-Feb-16
6-Jul-16	-25	95	Air flow issues	2016-H-229-a	7-Jul-16
16-Jul-16	25	120	Precautionary load to save reheater due to air flow issues	2016-H-229-a	18-Jul-16
2-Nov-16	50	170	Return to full capacity after annual maintenance		
5-Dec-16	-30	140	Air Flow issues due to Air Heater seals	2016-H-443-a	6-Dec-16
7-Dec-16	8	148	Air flow issues improved heater post seals leaks	2016-H-443-a	8-Dec-16
19-Dec-16	12	160	Air flow issues improved heater post seals leaks	2016-H-443-a	19-Dec-16
29-Dec-16	-80	80	Derated to repair leak in a spray line drain valve	2016-H-460-a	30-Dec-16
29-Dec-16	80	160	Air flow issues	2016-H-460-a	30-Dec-16
31-Dec-16	0	160	End of year rating, derated due to air flow issues		

Table 2 2015 and 2016 Derating History Holyrood Unit 2

Start Date	Derate or Uprate	Revised Rating	Nature of the Issue	PUB Advisory No.	Filing Date
22-Feb-15	-110	60	Leaking gland on a main steam spray block valve	2015-H-051-a	23-Feb-15
22-Feb-15	110	170	Return to full capacity	2015-H-051-a	23-Feb-15
7-Mar-15	-100	70	Leak on steam temperature control block valve	2015-H-069-a	9-Mar-15
7-Mar-15	100	170	Return to full capacity	2015-H-069-a	9-Mar-15
19-Jan-16	-100	70	Boiler reheater tube leak	2016-H-024-a	19-Jan-16
3-Feb-16	30	100	Return to service following tube maintenance	2016-H-024-a	3-Feb-16
4-Feb-16	20	120	Increase in rating to 120 MW but unit still limited due to boiler tube condition	2016-H-024-a	5-Feb-16
5-Feb-16	-70	50	Forced draft fan issue	2016-H-035-a	8-Feb-16
6-Feb-16	30	80	Forced draft fan issue	2016-H-035-a	8-Feb-16
7-Feb-16	30	110	Forced draft fan issue	2016-H-035-a	8-Feb-16
8-Feb-16	10	120	Derated to 120 MW due to boiler tube condition	2016-H-035-a	8-Feb-16
26-May-16	-70	50	Forced draft fan failure	2016-H-182-a	26-May-16
29-May-16	70	120	Precautionary load to protect Reheater	2016-H-182-a	30-May-16
15-Sep-16	10	130	Precautionary load to protect Reheater after unit's annual	-	-
20-Sep-16	20	150	Precautionary load to protect Reheater	-	-
29-Sep-16	20	170	Return to full capacity	-	-
6-Nov-16	-100	70	Severe Leak in steam piping to steam chest control valves gasket failure	2016-H-400-a	7-Nov-16
11-Nov-16	100	170	Return to full capacity	2016-H-400-a	14-Nov-16

Table 3 2015 and 2016 Derating History Holyrood Unit 3

Start Date	Derate or Uprate	Revised Rating	Nature of the Issue	PUB Advisory No.	Filling Date
12-Jan-15	-85	65	Oil leak in the oil heater system	2015-H-013-a	12-Jan-15
12-Jan-15	85	150	Return to full capacity	2015-H-013-a	14-Jan-15
12-Jan-15	-65	85	Leaking oil heater	2015-H-013-a	14-Jan-15
12-Jan-15	65	150	Return to full capacity	2015-H-013-a	14-Jan-15
12-Jan-15	-75	75	Repair of oil heater	2015-H-013-a	14-Jan-15
13-Jan-15	75	150	Return to full capacity	2015-H-013-a	14-Jan-15
13-Jan-15	-90	60	Repair of oil heater	2015-H-013-a	14-Jan-15
13-Jan-15	90	150	Return to full capacity	2015-H-013-a	14-Jan-15
19-Jan-15	-80	70	Replace west fuel oil pump	2015-H-017-a	20-Jan-15
19-Jan-15	80	150	Return to full capacity	2015-H-017-a	20-Jan-15
27-Aug-15	0	70	Steam leak in new cold reheat drain pot	2015-H-293-a	28-Aug-15
12-Sep-15	0	70	West CW pump motor failure to Seimens for repair	2015-H-314-a	14-Sep-15
2-Oct-15	80	150	Return to full capacity	2015-H-314-a	5-Oct-15
11-Aug-16	-15	135	Derated due to over speed tests	2016-H-278-a	12-Aug-16
12-Aug-16	0	135	Precautionary load to protect reheater due to the results of tube thickness analysis during outage	2016-H-278-a	12-Aug-16
20-Oct-16	80	150	Return to full capacity		